

## CLAIMS

1. A wire electrode for wire electrical discharge machine characterized in that the wire electrode has a three-layered structure comprising an electroconductive core (1), a coating layer (2) of Cu-Zn intermetallic compound in other than  $\alpha$  phase surrounding the core (1), and a coating layer (3) of Cu-Zn alloy in  $\alpha$  phase on the exterior of the coating layer (2), and that the thickness of the coating layer (3) is 5 to 15  $\mu\text{m}$ .

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2. The wire electrode for wire electrical discharge machine according to Claim 1, characterized in that the coating layer (2) comprises Cu-Zn alloy in  $\beta$  phase.

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3. The wire electrode for wire electrical discharge machine according to Claim 1, characterized in that the core (1) comprises Cu-Zr alloy.

4. The wire electrode for wire electrical discharge machine according to Claim 2, characterized in that the core (1) comprises Cu-Zr alloy.

5. The wire electrode for wire electrical discharge machine according to Claim 1, characterized in that the core (1) comprises Cu-Zn alloy.

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6. The wire electrode for wire electrical discharge machine

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according to Claim 2, characterized in that the core (1) comprises Cu-Zn alloy.